

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

HIGHWAY W LAND COMPANY, L.L.C.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
sand & gravel in the state of Missouri. The extent of the

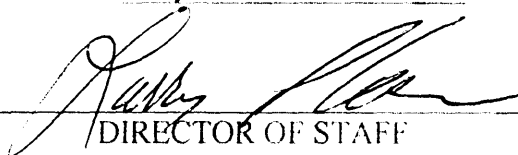
Proposed mining operation(s) will be on 40 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Jefferson	12	43N	03E	40	0	40	Site #1-Meramec River Floodplain	0839

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

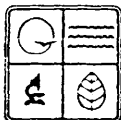
IN WITNESS WHEREOF I have hereunto set my hand this 14th day of May 2004


DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0839
Effective Date 06/15/2004
Expiration Date 06/14/2005

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MAY 3 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

P.O. BOX 176
MISSOURI LAND RECLAMATION COMMISSION
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Highway W hand Co.		DATE 4/23/2004	
ADDRESS 122 JEFFERSON RD	CITY WEBSTER GROVES	STATE MO.	ZIP CODE 63119
CONTACT PERSON William S. Kopp		TELEPHONE NUMBER 636-938-6374	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE \longrightarrow \$ **300.00**2. Acreage Fee \$5 X **40** number of acres bonded \$ **200.00**

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$ **1000.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT Will S Kopp	TITLE Managing member	DATE 4/23/04
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Appeared before me this **23rd** day of **April**, 20**04**, **William Kopp**
to me personally known, who executed the above as their free acts and deeds.

	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) County of St. Louis
	SUBSCRIBED AND SWORN BEFORE ME, THIS 23rd DAY OF April YEAR 2004	USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE Barb Ahlert NOTARY PUBLIC NAME (TYPED OR PRINTED)	MY COMMISSION EXPIRES 2-9-08

FOR DEPARTMENT APPROVED BY 	DATE APPROVED 5-3-04	PERMIT NUMBER 0839	EXPIRATION DATE 6-14-05
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER SITE # 1		PERMIT NUMBER	
COMPANY NAME Hwy. W Land Company, L.L.C.			
COUNTY Jefferson	1/4 SECTION NW	SECTION 12	
TOWNSHIP T43N	RANGE R3E	ACRES 40 ^{TT} 6-14-00	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY Sand & Gravel		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 50 M > 5000 ^{TT} 6-14-00	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Hwy. W Land Company, L.L.C.		
ADDRESS 122 Jefferson Road		
CITY Webster Groves	STATE MO	ZIP CODE 63119
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Hwy. W Land Company, L.L.C.		
ADDRESS 122 Jefferson Road		
CITY Webster Groves	STATE MO	ZIP CODE 63119
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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MISSOURI LAND RECLAMATION COMMISSION
P.O. BOX 600, WARREN, MO 64093

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME Hwy W. Land Company, L.L.C.

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2050

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This plan covers an area of 75 acres. Most of the site is in the flood plain.
The area is bordered to the south by Highway FF and east by Highway W.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

40

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☐ NO

Some

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Backhoe - Some topsoil will be sold. There will be enough topsoil salvaged for reclamation.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Soil is placed in stockpiles near pit and some is used for sloping dredged area.
Soil is a black clay, with grass and weeds. Soil depth is 4 to 5 feet.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

MISSOURI LAND
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Overburden will be placed in the mined out portions of the pit. Soil will be stockpiled out of flood plain and will be seeded until needed for sloping.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

See Site Map

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

MISSOURI LAND

A. REVEGETATION (Attach additional sheets, if needed)

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REVEGETATION MIX #1 1	PURPOSE OR LAND USE Lake - Development	B. SEEDING OR PLANTING TIME Spring
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Grade and level banks with backhoe.
Seeding will be by hand operated spreader.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Red Clover	2		800
Orchard Grass	8		

REVEGETATION MIX #2 #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME Spring (March 15-May 15)
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During the first spring following topsoil replacement the seed mix will be broadcast and harrowed. Reseeding will be done as needed to achieve grass cover sufficient to control erosion, or during an optimal seeding window in the fall.
Seeding around cup of the lake, rip-wrap to be utilized in all other areas.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard Grass	8		
Clover	2		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

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B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Most of the area will be reclaimed to a lake. The embankment to the lake will be graded to a slope no steeper than 3:1. The development area will be near level or gently rolling with a free draining topography. The embankment down to the water line will be covered with rip-wrap. The cup around the lake to be seeded and topsoil replaced up to 12 inches.

MISSOURI LAND
RECLAMATION COMMISSION

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will be done in accordance with: 10 CSR 40 - 10.050 (10) (A).

REPLACEMENT OF TOPSOIL

Topsoil will be replaced in accordance with: 10 CSR 40 - 10.050 (10) (A)

REVEGETATION

Revegetation will be done in accordance with: 10 CRS 40 - 10.050 (10) (B)

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

At least 12 inches of topsoil will be replaced

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

0

Agricultural (pasture, cropland, and horticultural)

0

Development (residential, industrial, and recreational)

40-12 10-30-00

Water impoundments (for wildlife, agricultural, or development)

828

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By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

JULIE A. POWERS
Notary Public - Notary Seal
State of Missouri
St. Louis County
My Commission Expires June 24, 2001

SIGNATURE OF APPLICANT <i>William S. Kopp</i> William S. Kopp		TITLE Managing Member	DATE 4/15/99
NOTARY PUBLIC EMBOSSEER SEAL	STATE Missouri	COUNTY (OR CITY OF ST. LOUIS) St. Louis County	
SUBSCRIBED AND SWORN BEFORE ME, THIS 3 rd DAY OF February 12 2000		USE RUBBER STAMP IN NEXT AREA BELOW Notary Public - Notary Seal State of Missouri St. Louis County My Commission Expires June 24, 2001	
NOTARY PUBLIC SIGNATURE <i>Julie A. Powers</i> NOTARY PUBLIC NAME (TYPED OR PRINTED) Julie A. Powers		MY COMMISSION EXPIRES June 24, 2001	
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Tim Than</i>		DATE APPROVED 06-15-00	PERMIT NUMBER 0839

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Locator Map

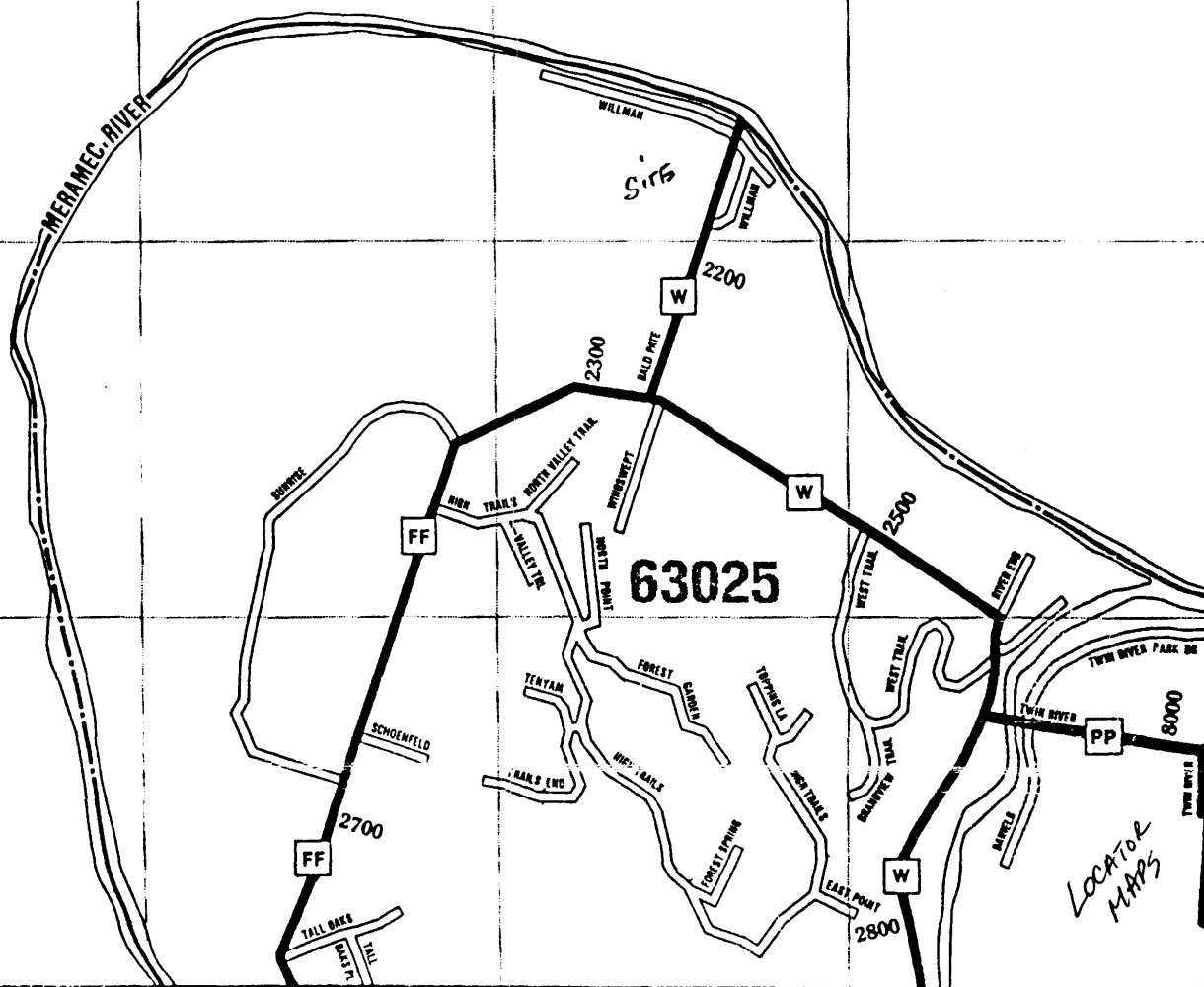
Highway W Land Co.
Site #1

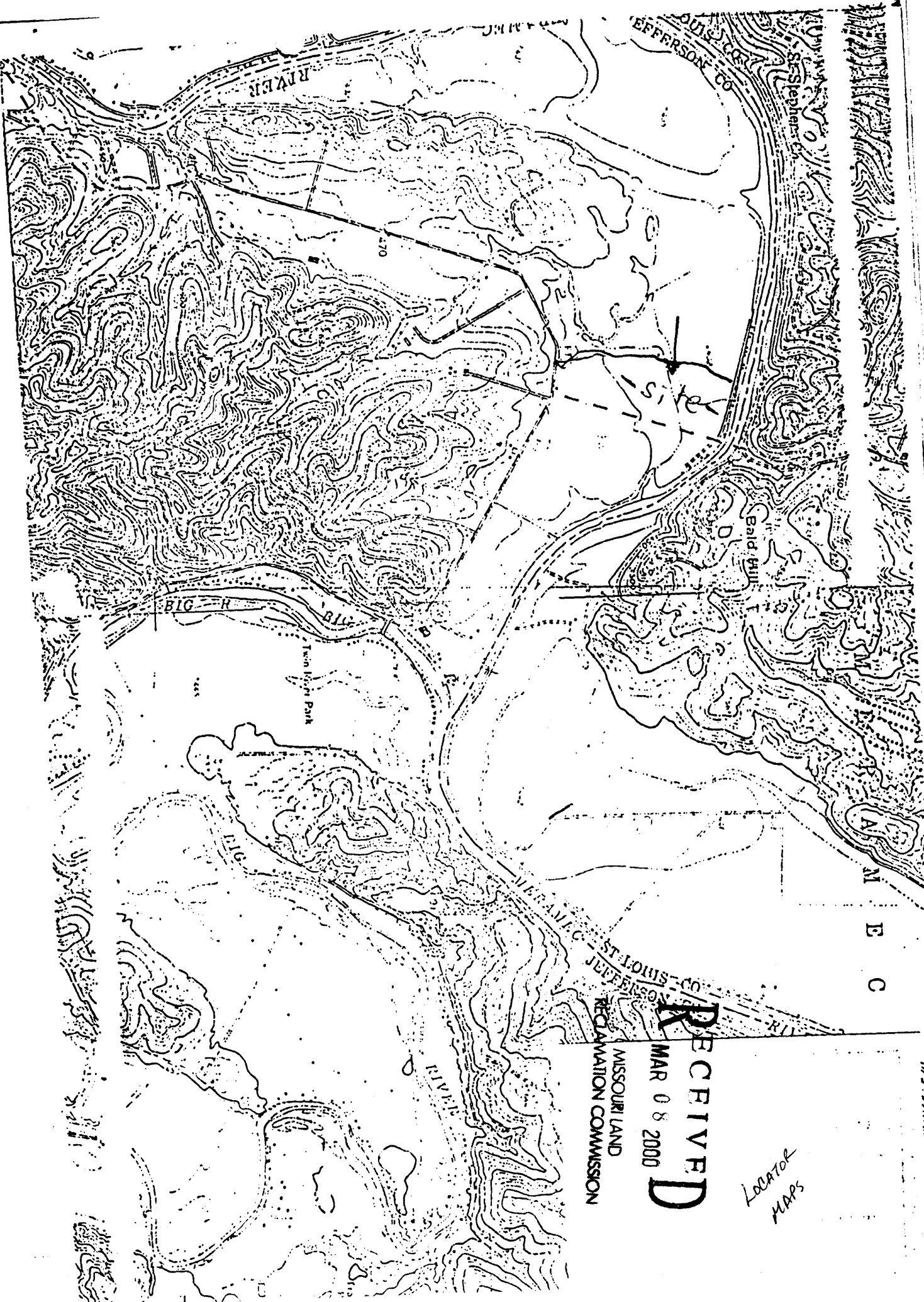
Jefferson County

S-12, T-43N, R-3E

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ST LOUIS COUNTY





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LOCATOR
MAPS

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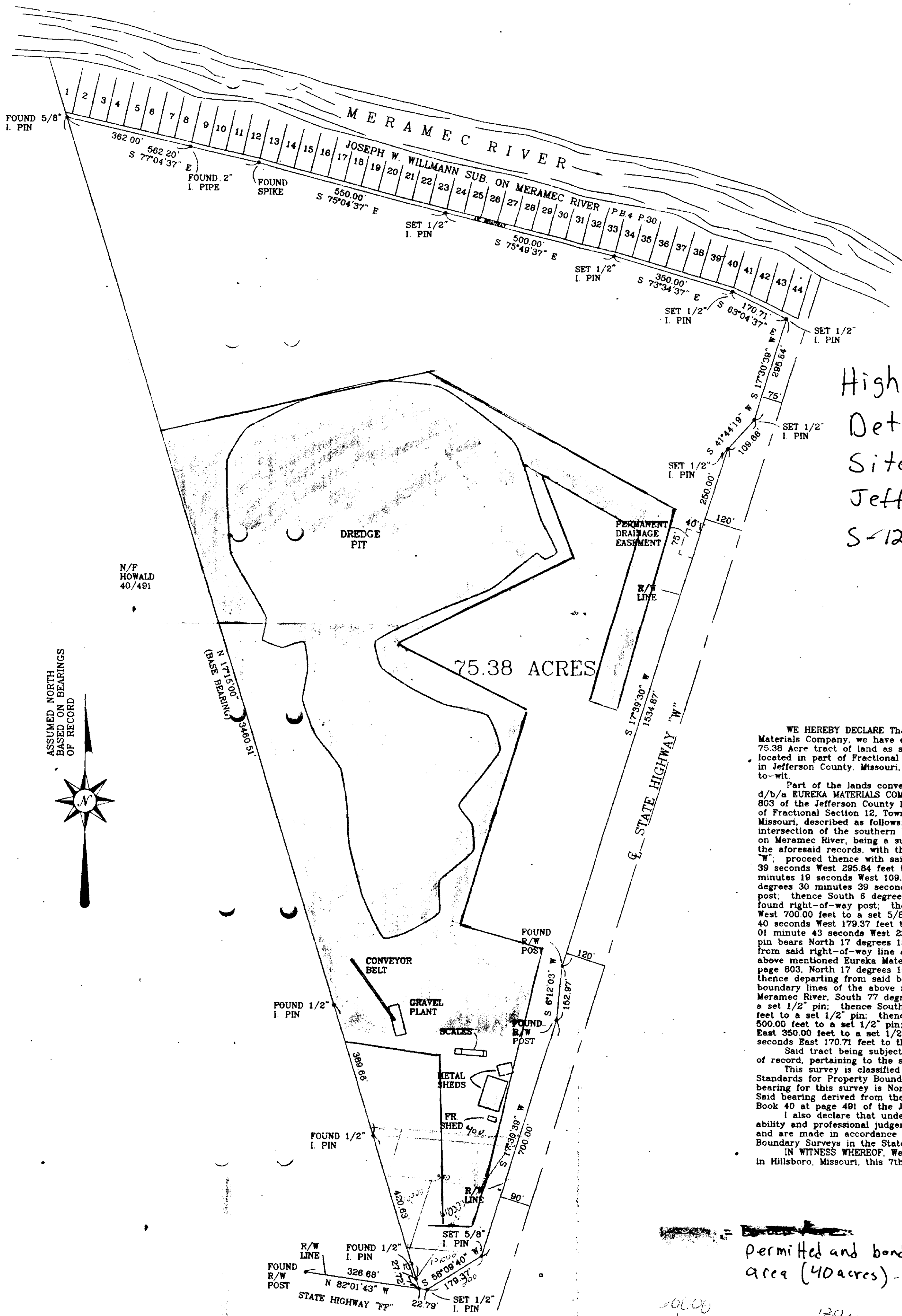
PART OF FRL. SECTION 12-T43N-R3E

JEFFERSON COUNTY, MISSOURI

SCALE: ONE INCH = 200 FEET



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Highway W Land Co.
Detail Map
Site #1
Jefferson Co.
S-12, T-43N, R-03E

WE HEREBY DECLARE That at the request of William Kopp and Eureka Materials Company, we have executed a Property Boundary Survey of the 75.38 Acre tract of land as shown upon this plat. Said 75.38 Acres being located in part of Fractional Section 12, Township 43 North, Range 3 East, in Jefferson County, Missouri, and being more particularly described as follows, to-wit:

Part of the lands conveyed to Robert J. Smreker and Charles E. Smreker, d/b/a EUREKA MATERIALS COMPANY, by deed recorded in Book 0392 at page 803 of the Jefferson County land records. Said parcel being located in part of Fractional Section 12, Township 43 North, Range 3 East, Jefferson County, Missouri, described as follows: Beginning at a set iron pin at the point of intersection of the southern boundary line of Joseph W. Willmann Subdivision on Meramec River, being a subdivision recorded in Plat Book 4 at page 30 of the aforesaid records, with the western right-of-way line of State Highway 11; proceed thence with said right-of-way line South 17 degrees 30 minutes 39 seconds West 295.84 feet to a set 1/2" pin; thence South 17 degrees 41 minutes 44 seconds West 109.66 feet to a set 1/2" pin; thence South 17 degrees 30 minutes 39 seconds West 1534.87 feet to a found right-of-way post; thence South 8 degrees 12 minutes 03 seconds West 179.37 feet to a set 5/8" pin; thence South 58 degrees 09 minutes 40 seconds West 179.37 feet to a set 1/2" pin; thence North 82 degrees 01 minute 43 seconds West 22.79 feet to a point from which a found 1/2" pin bears North 17 degrees 15 minutes West 27.72 feet distant; thence departing from said right-of-way line and running with the western boundary line of the above mentioned Eureka Materials Company tract recorded in Book 0392 at page 803, North 17 degrees 15 minutes West 3460.51 feet to a found 5/8" pin; thence departing from said boundary line and running with the southern boundary lines of the above mentioned Joseph W. Willmann Subdivision on Meramec River, South 77 degrees 04 minutes 37 seconds East 562.20 feet to a set 1/2" pin; thence South 75 degrees 04 minutes 37 seconds East 550.00 feet to a set 1/2" pin; thence South 75 degrees 49 minutes 37 seconds East 500.00 feet to a set 1/2" pin; thence South 73 degrees 34 minutes 37 seconds East 350.00 feet to a set 1/2" pin; thence South 63 degrees 04 minutes 37 seconds East 170.71 feet to the place of beginning.

Said tract being subject to all easements, restrictions, and conditions of record, pertaining to the same.

This survey is classified as Suburban Property according to the Minimum Standards for Property Boundary Surveys in the State of Missouri. The base bearing for this survey is North 17 degrees 15 minutes West, as shown hereon. Said bearing derived from the deed conveyed to John Howald recorded in Book 40 at page 481 of the Jefferson County land records.

I also declare that under my direct supervision and to the best of my ability and professional judgement that the results shown hereon are correct and are made in accordance with the current Minimum Standards for Property Boundary Surveys in the State of Missouri.

IN WITNESS WHEREOF, We have hereunto set our firm name at our office in Hillsboro, Missouri, this 7th day of April, 1999.

THE JEFFERSON COUNTY SURVEYING COMPANY

By William T. Hurler
William T. Hurler LS 2141
Registered Land Surveyor-State of Missouri
P.O. Box 235 Hillsboro, MO 63050
(314) 797-2350

permitted and bonded
area (40 acres) - long term mine
plan boundary

William T. Hurler
4/7/99